

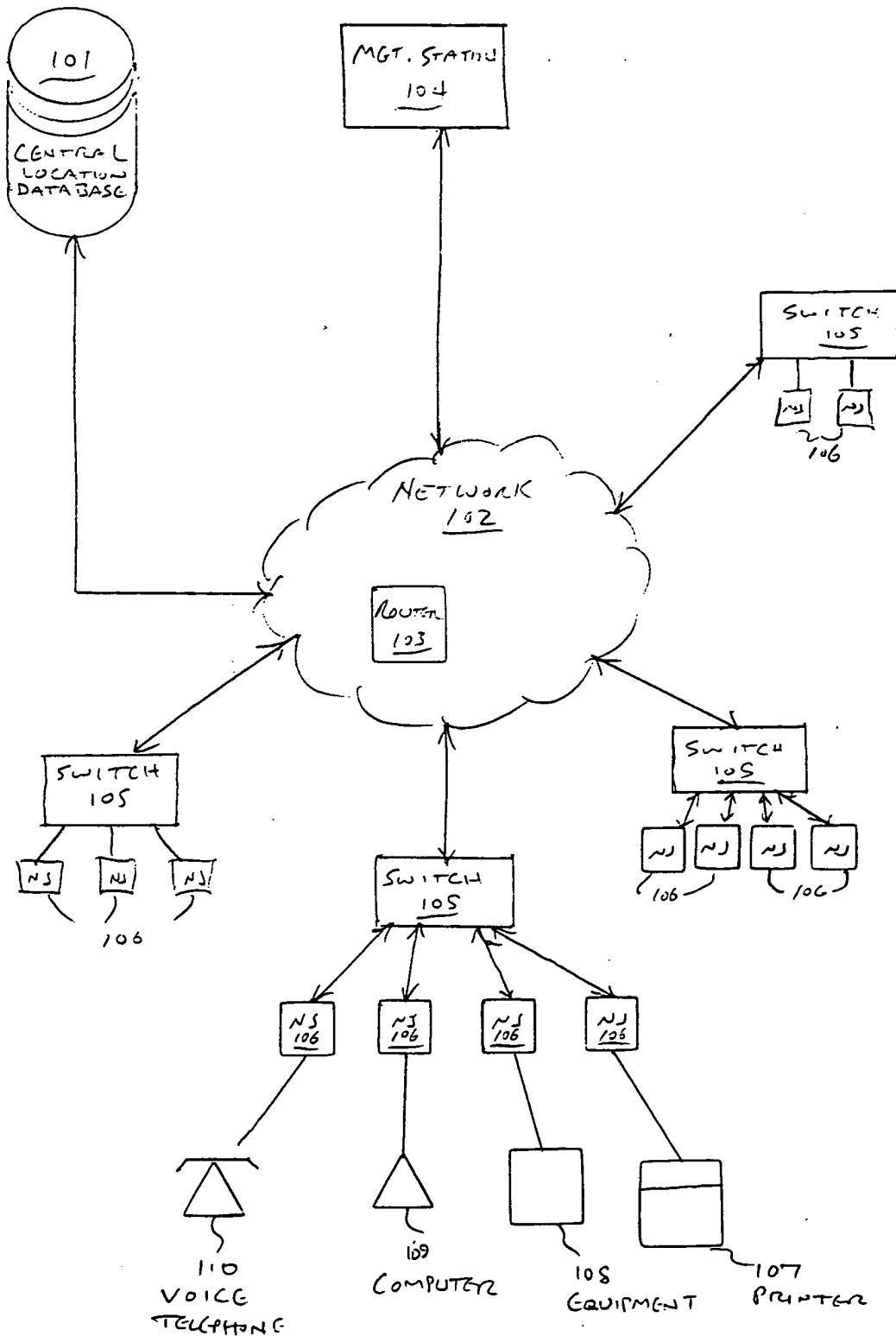
100 DISTRIBUTED NETWORK ENVIRONMENT

Fig. 1

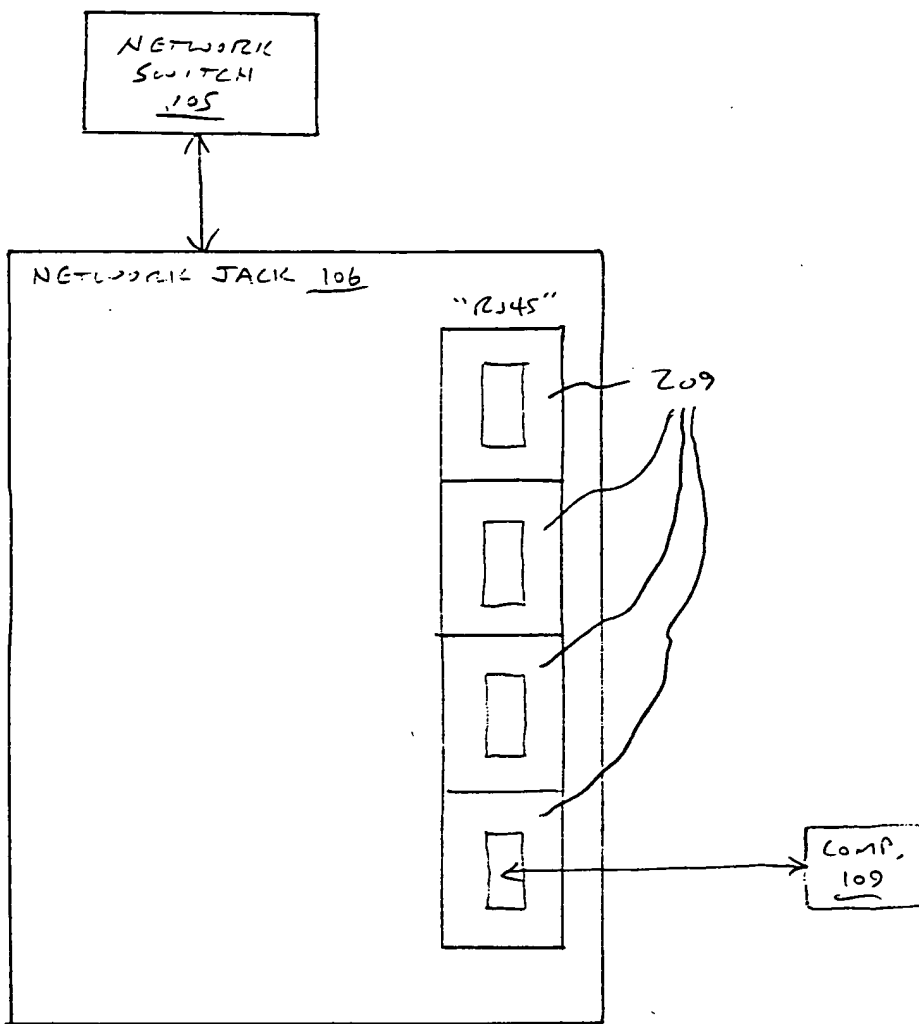


Fig. 2

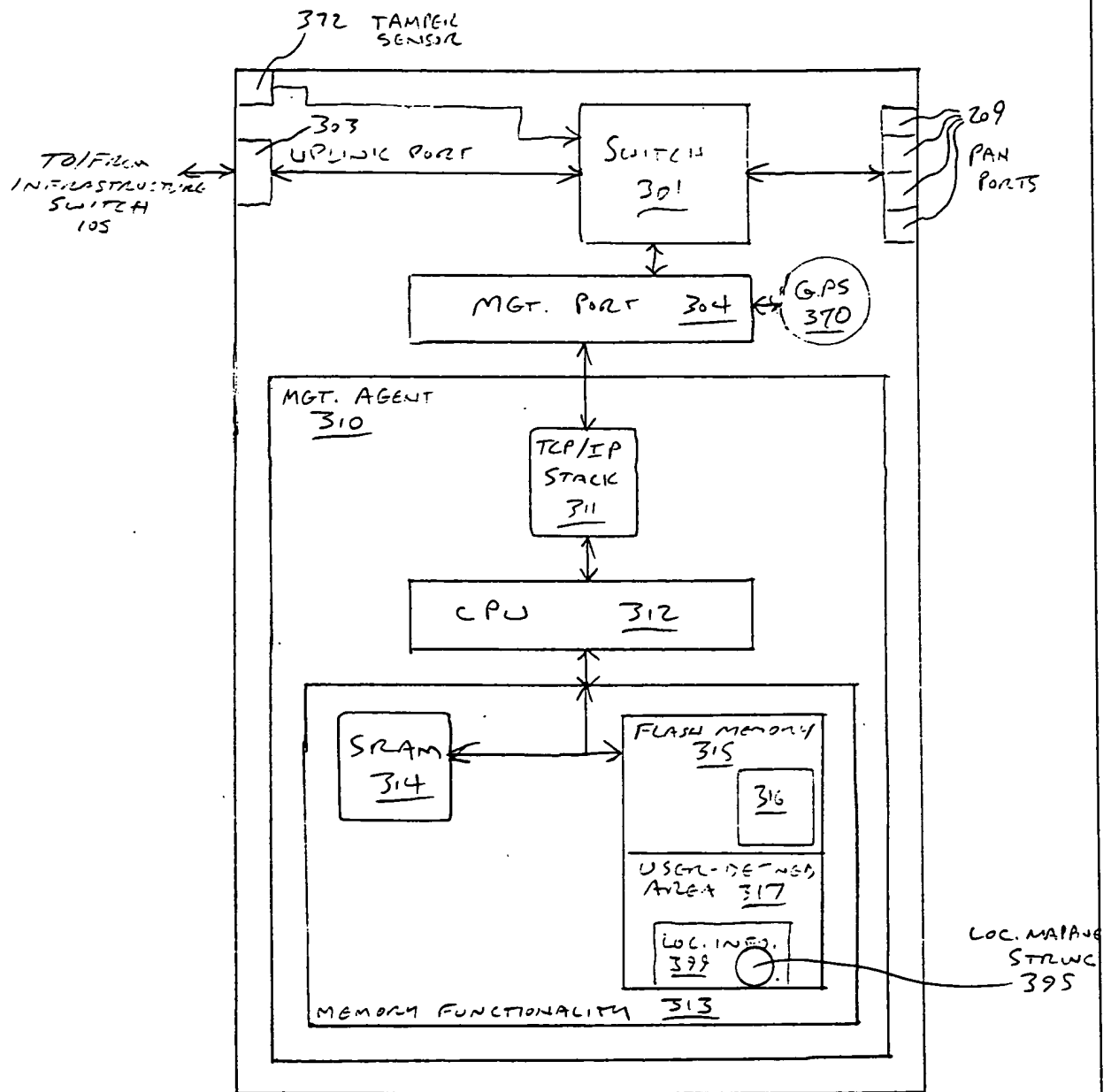
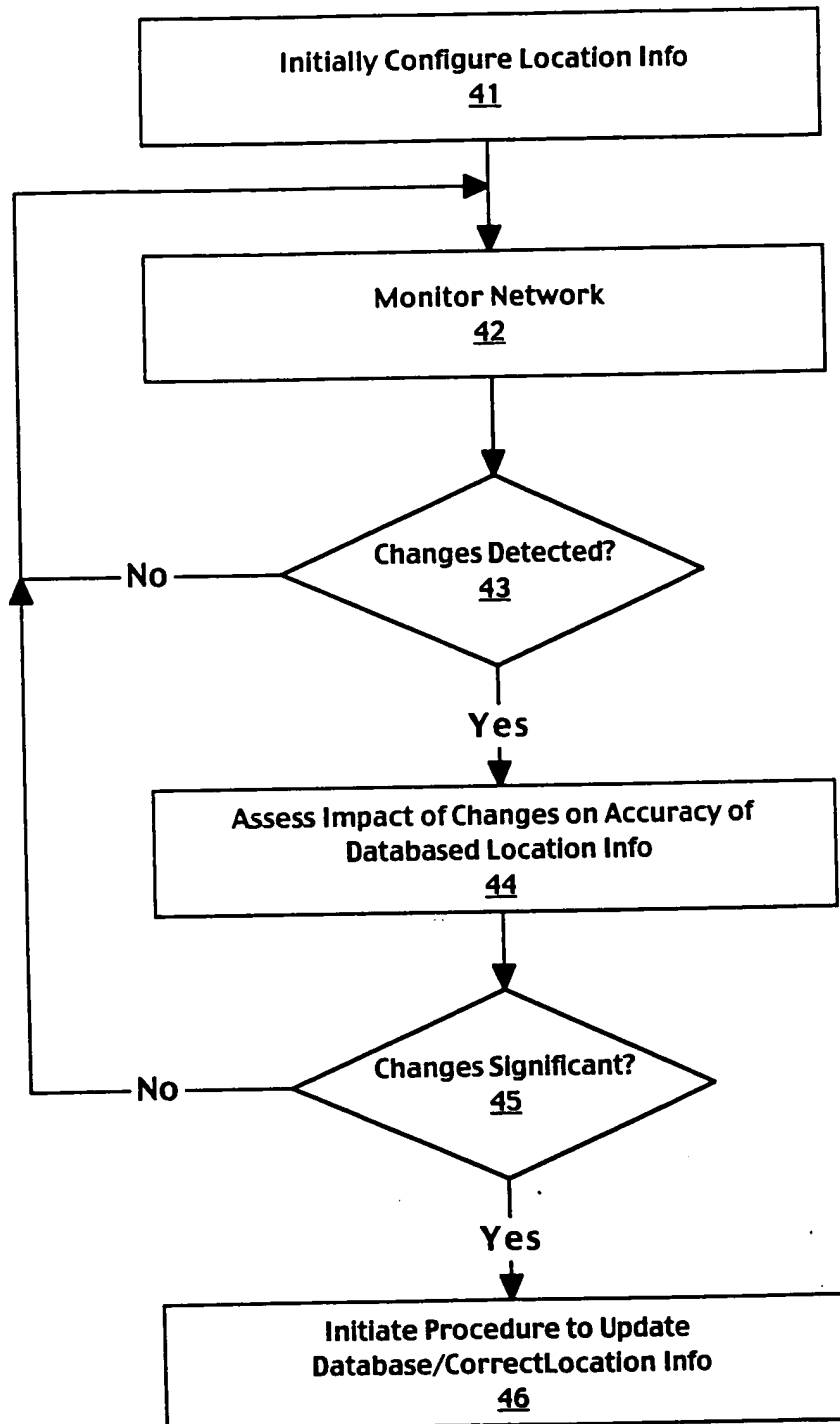


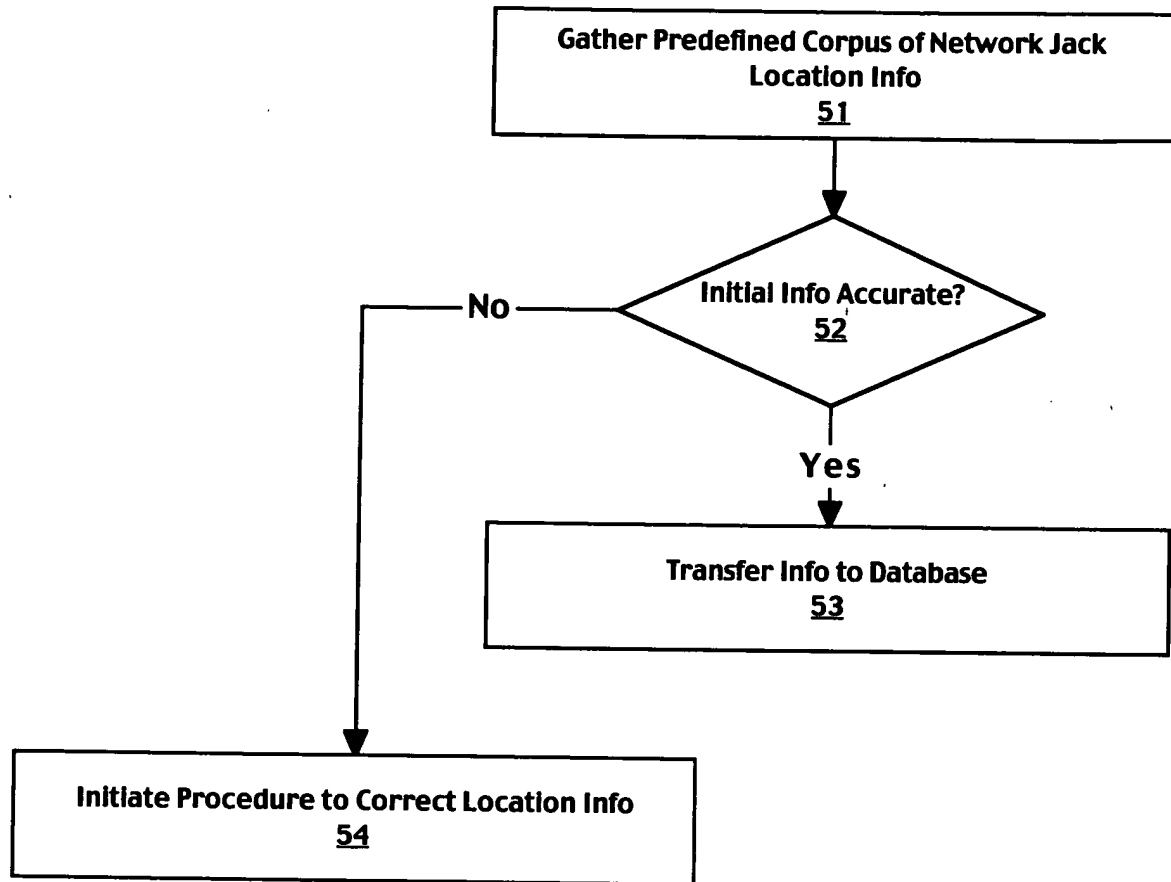
Fig. 3

#### 40 Maintaining Coherence of Network Location Information Database



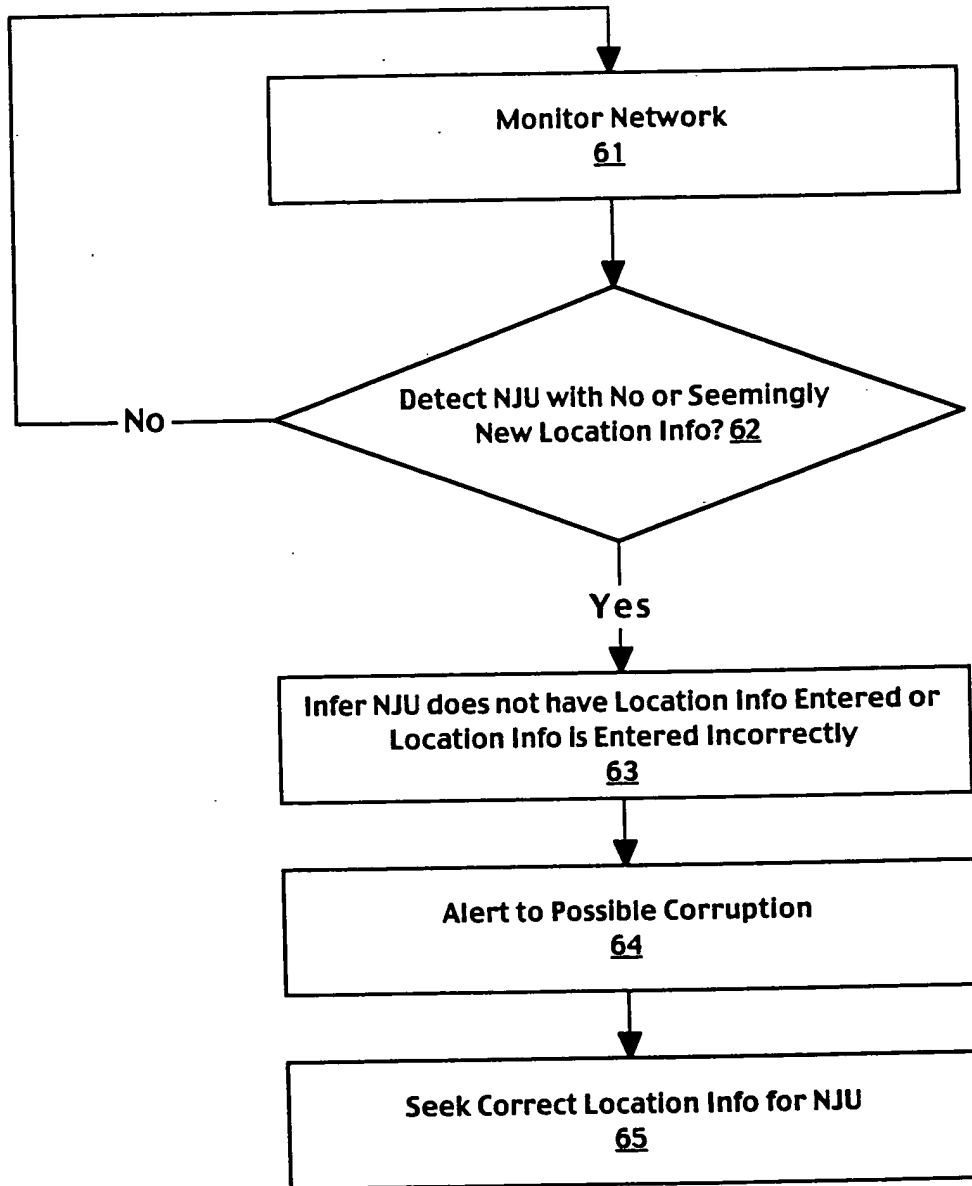
## Fig. 4

**50 Initially Accurately Configuring Network  
Jack Location Information**



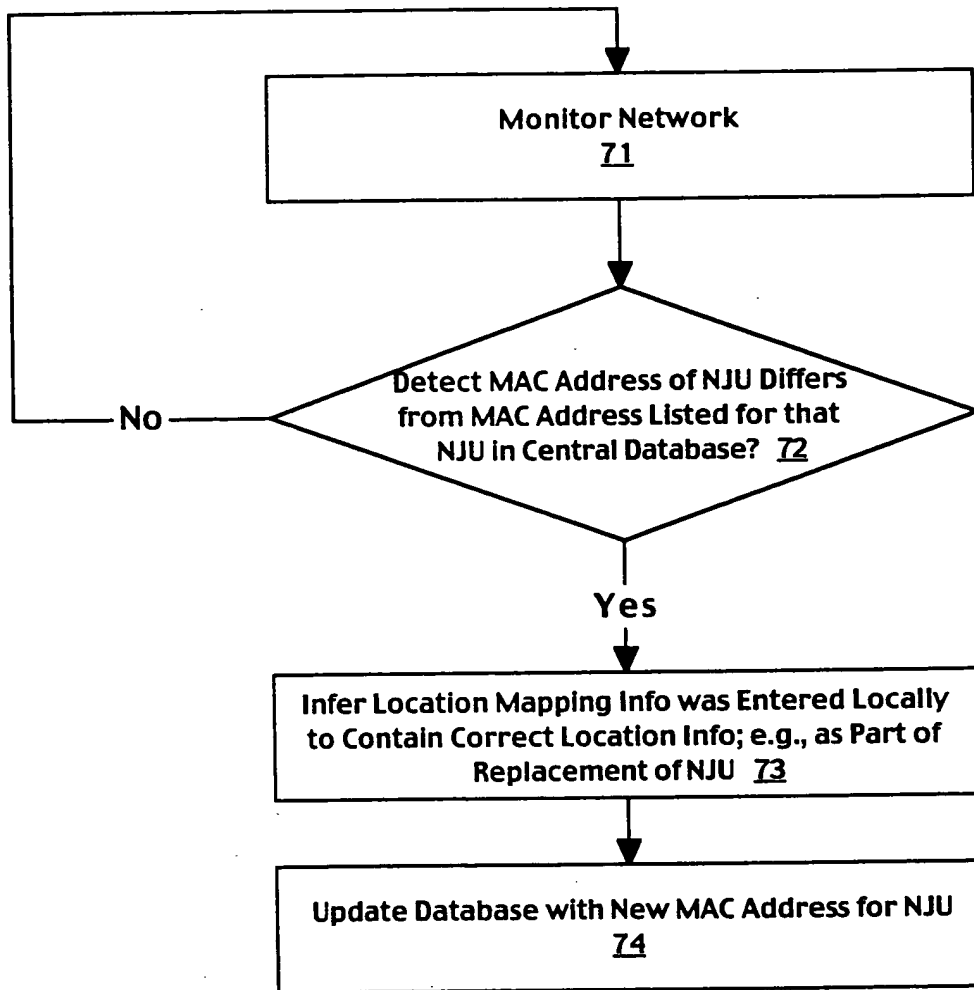
**Fig. 5**

**60 Detecting Corruption from NJU Lacking Location Info or Having Seemingly New Location Info**



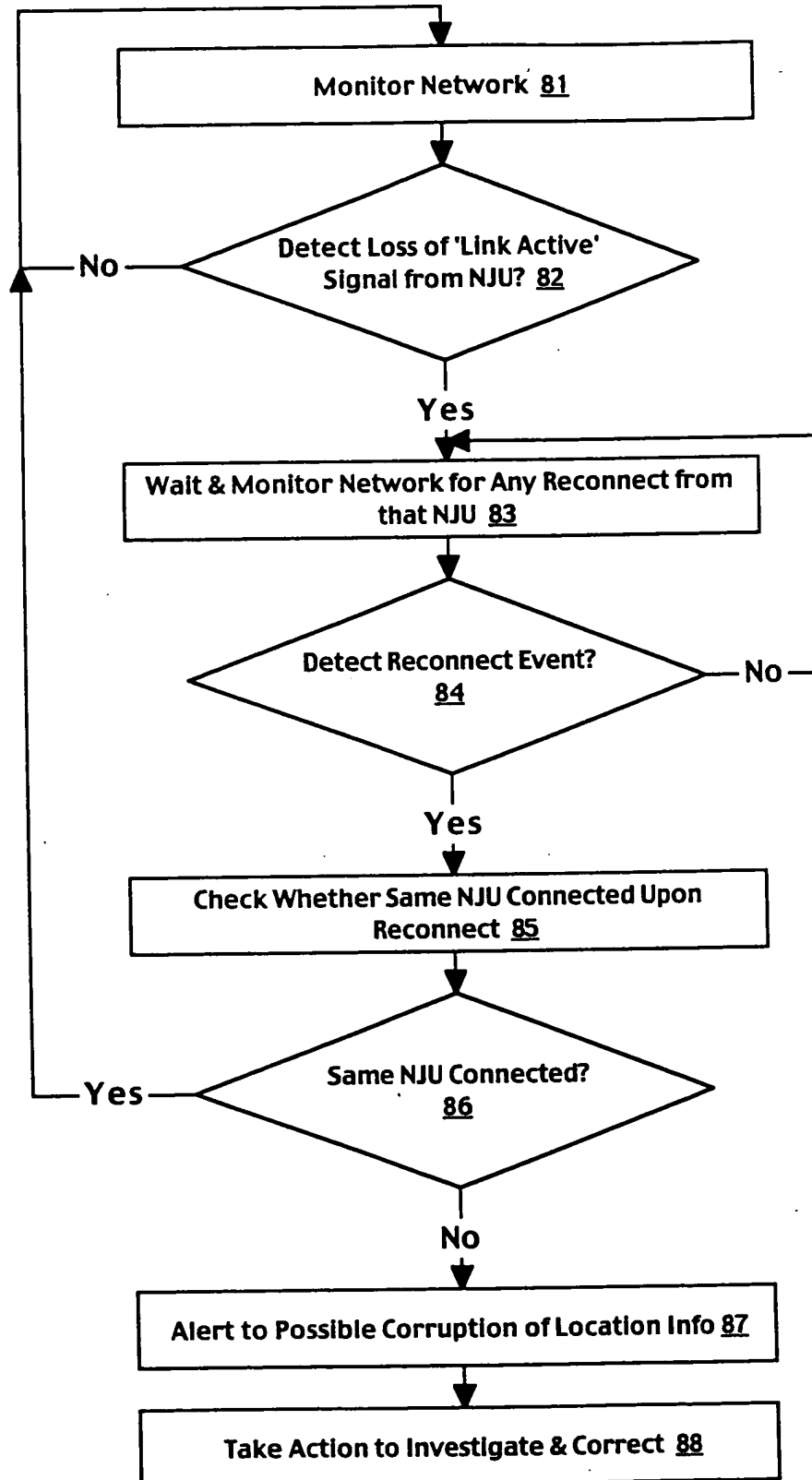
**Fig. 6**

**70 Detecting New Location Mapping Information  
(Locally Entered)**



**Fig. 7**

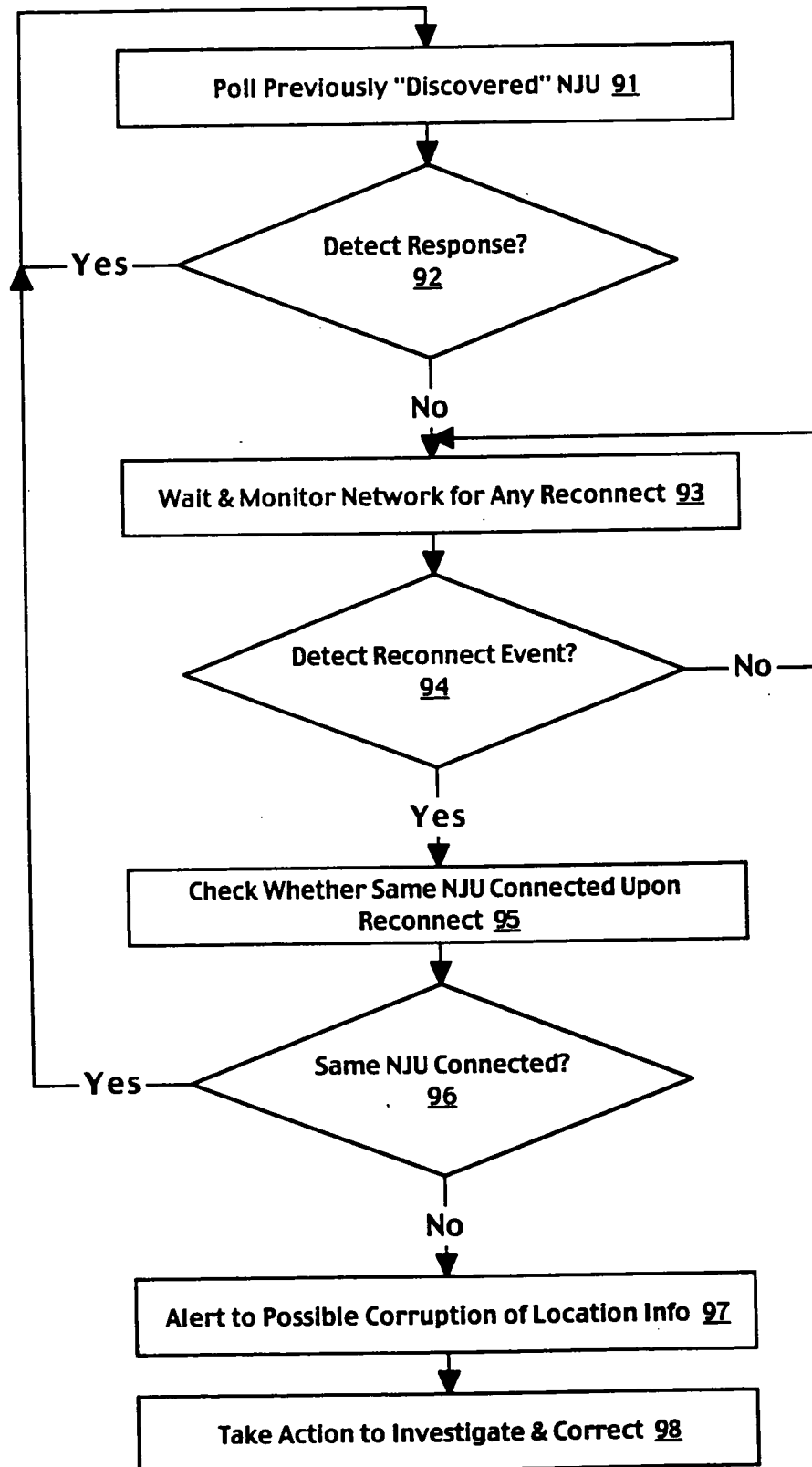
**80 Confirm Location Information Upon  
Disconnect/Reconnect Event**



**Fig. 8**

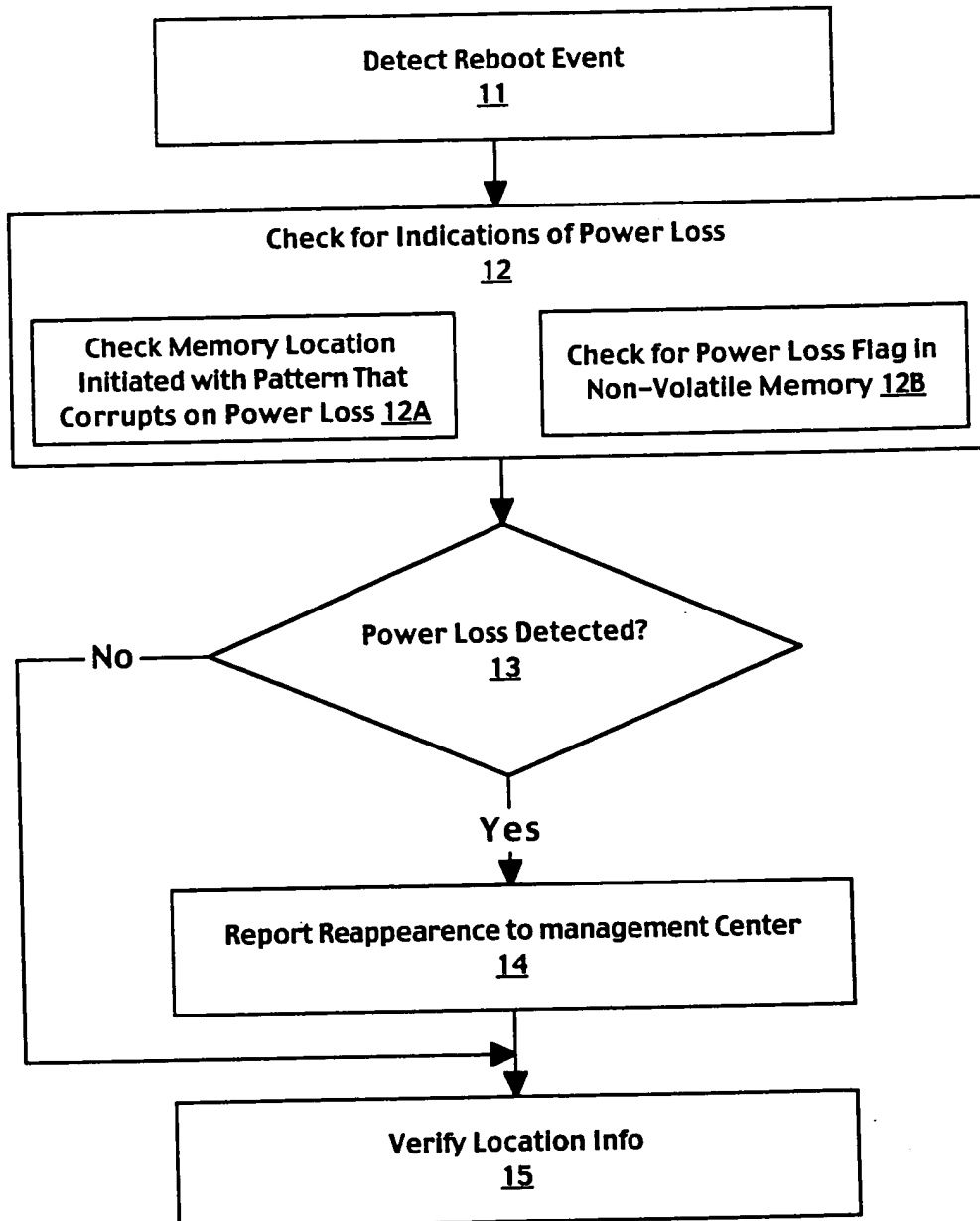


**90 Verifying Location Info & Active  
NJU Status**



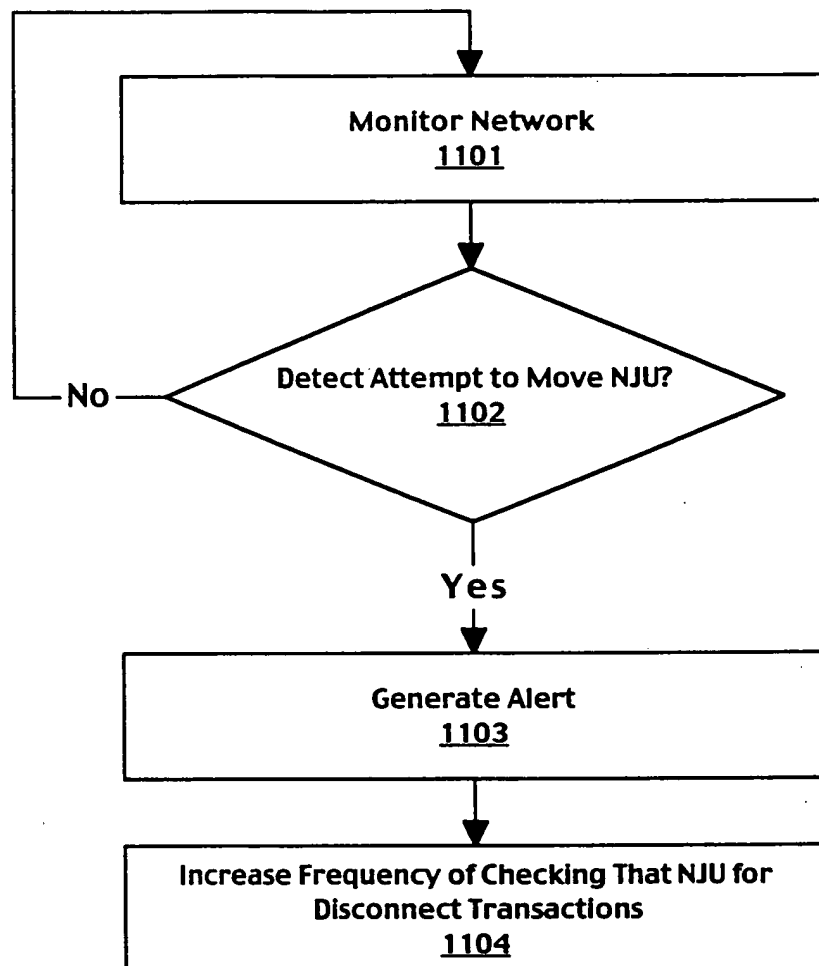
**Fig. 9**

## 10 Detecting Power Loss



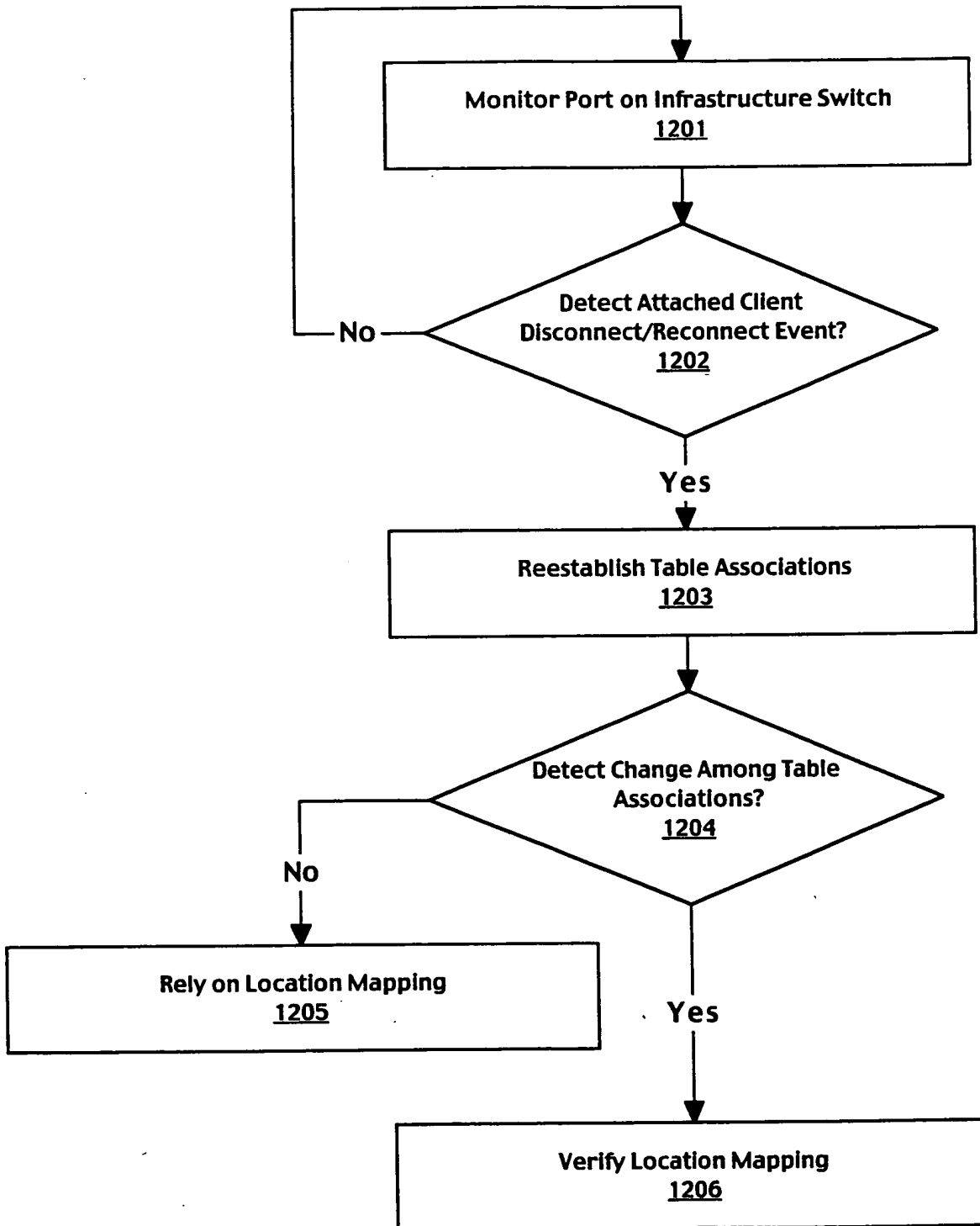
**Fig. 10**

**1100 Detecting Attempt to Move NJU**

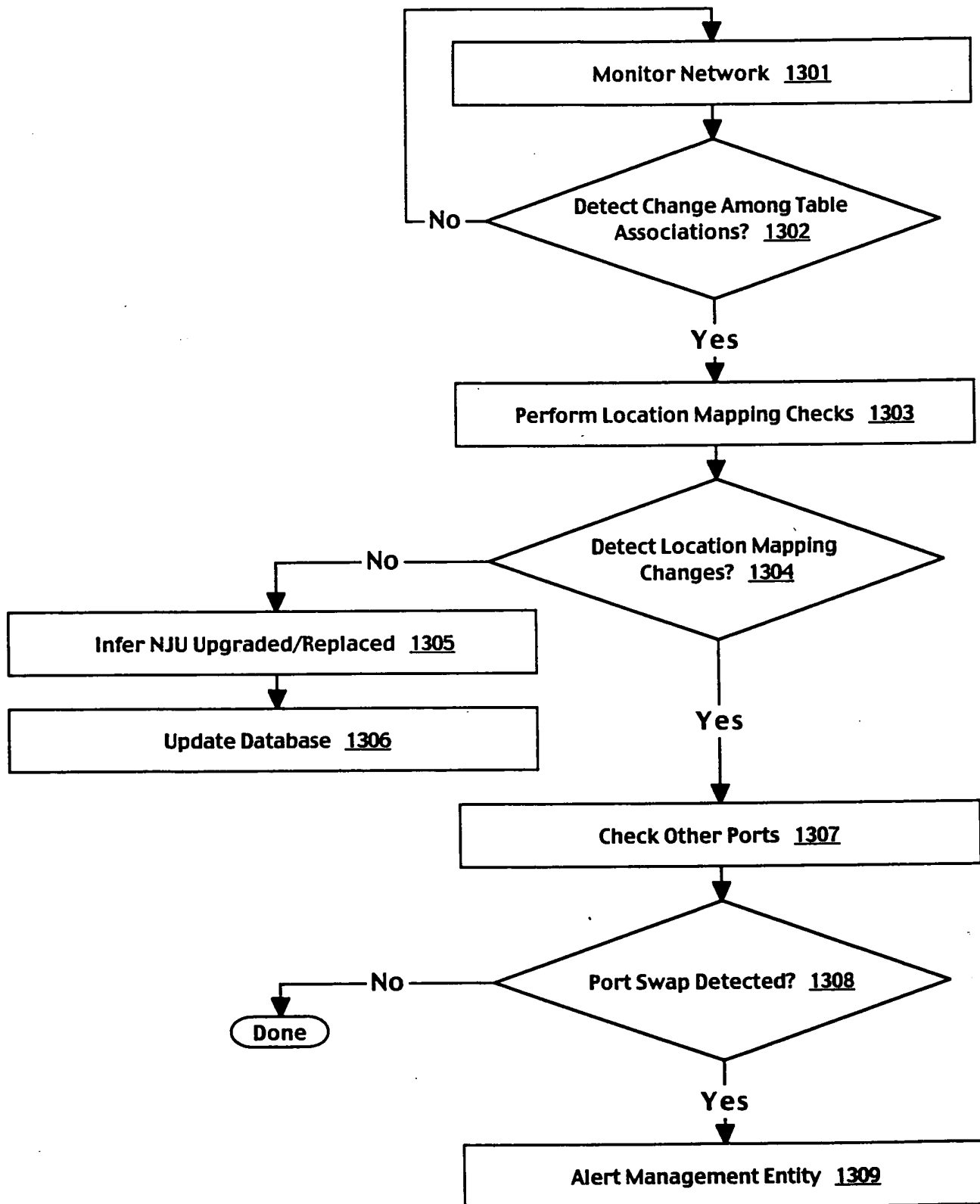


**Fig. 11**

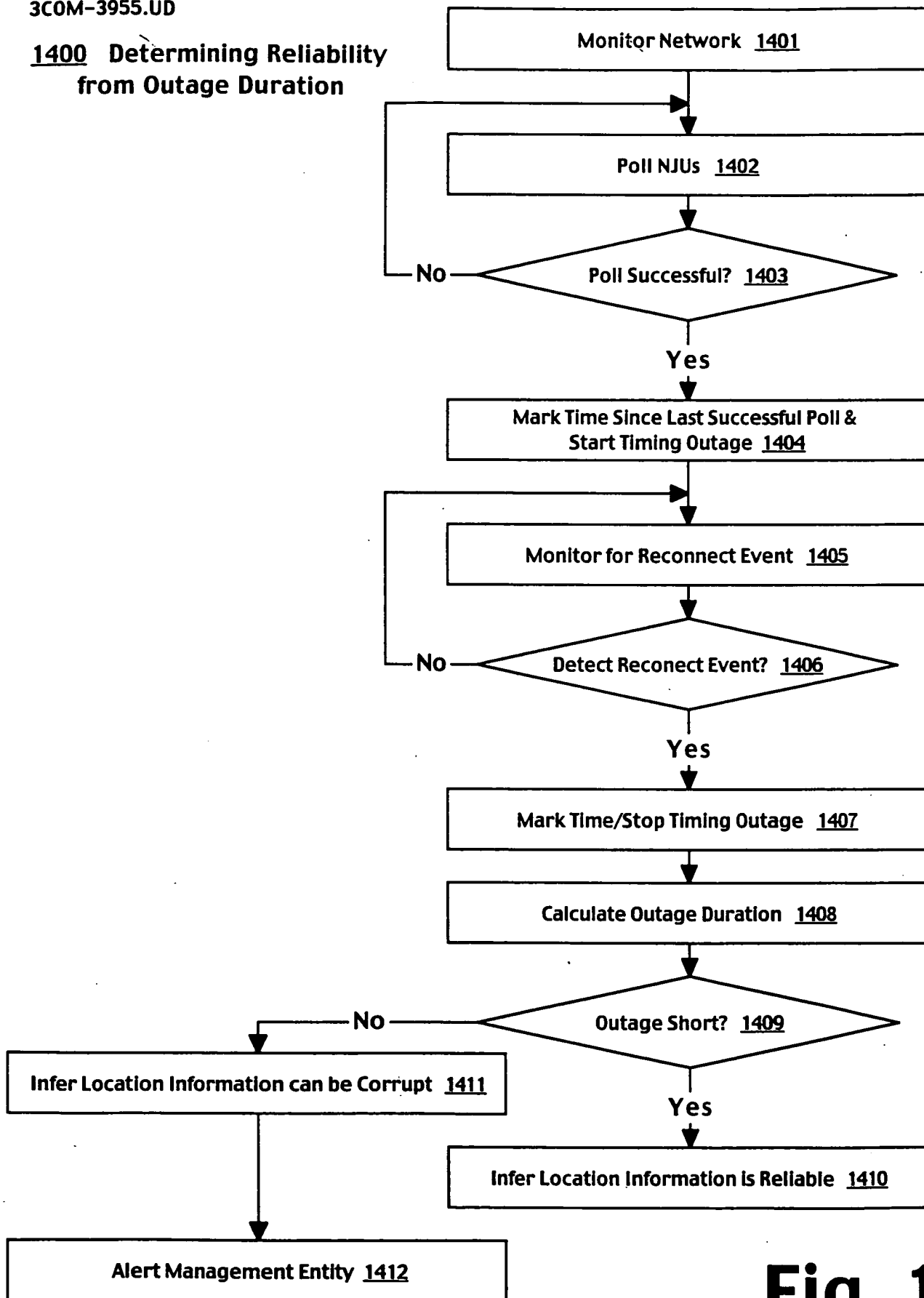
**1200 Verifying Location Mapping**



**Fig. 12**

**1300 Discriminating Between Changes****Fig. 13**

**1400 Determining Reliability  
from Outage Duration**



**Fig. 14**